



Issue 212 July 28th, 2018

Top links

Significant changes in store for FT8 and MSK144

Enhanced versions of the MSK144 and FT8 protocols will extend the message payload to 77 bits.

[ARRL](#)

ISS SSTV activation July 30-31

The Russian cosmonauts on the International Space Station are expected to activate amateur radio Slow Scan Television (SSTV) transmissions.

[AMSAT UK](#)

Why wire diameter is important

The larger the cross-sectional area of the conductor, the more electrons are available to carry the current.

[VE7SAR](#)

3D printed Arrow II portable satellite antenna clips

WI9LL has designed clips for use with the Arrow II Portable hand held satellite antenna.

[WI9LL](#)

Operating tips for VHF SOTA

I've been using VHF and higher frequencies for SOTA exclusively and have activated over 100 summits in Colorado and other states.

[K0NR](#)

FCC proposes \$18,000 fine for Ham in interference case

"Given his history as a repeat offender, these apparent violations warrant a significant penalty."

[ARRL](#)

A visit to the home of FreeDV and codec2

I knew I was in the right place when the squid pole supporting a corner dipole came in to view.

[Marxy](#)

WWFD in AM HD

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Is your repeater ID boring? Try something like this.

If your repeater ID is getting a little stale, perhaps this will give you some ideas on how to freshen it up a bit.

KB6NU

Receiving astronaut Amateur Radio conversations with an RTL-SDR

If you live in an area that can 'see' the ISS at the same time as the school then you can easily pick up the downlink.

RTL-SDR.com

Send APRS data/telemetry via Xastir command line

You can do it all via RF if your Xastir setup is already paired to the radio and configured to transmit.

S55MA



Join the Ham community on Slack.

Use this link to get started:

<http://bit.ly/2oZHqO6>

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73

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